

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

5 **Listing of Claims:**

Claim 1 (currently amended): A method for managing wafer defects comprising:

- 10 performing an inspection step to inspect defects on each chip of each wafer and generating corresponding wafer defect raw data;
- performing a data pre-treatment step with a server to integrate the wafer defect raw data according to each chip of the same wafer and generate wafer defect distribution data for recording position, type, and size of defect;
- 15 performing a drawing pre-treatment step with the server to generate a corresponding drawing file according to a new position, type, and size of a defect after the wafer defect distribution data is transferred integrally to display each distribution mode of each defect on the wafer on a screen; and
- 20 performing a network management step to transmit the drawing file to a terminal without receiving the wafer defect raw data at the terminal such that a terminal user is capable of seeing the defect distributions of each chip of the wafer according to the drawing file on the drawing screen[.];
- 25 wherein the wafer defect raw data records a position of a wafer defect relative to a chip grid, the inspection step performs defect inspection in at least two different inspection stations in sequence to generate the corresponding wafer defect raw data, and the data pre-treatment step further comprises subtracting a
- 30 defect position recorded by the wafer defect raw data of a prior

5 wafer inspection station from the wafer defect raw data
 corresponding to a given wafer inspection station to generate
 the data of a new defect in the wafer inspection station and
 record the data of the new defect in the wafer defect
 distribution data.

Claim 2 (original): The method of claim 1, wherein the wafer defect raw
data records a position of a wafer defect relative to a chip grid, and the
data pre-treatment step transfers the position of the wafer defect to a
10 position corresponding to the origin of the wafer to make the wafer
defect distribution data record the position of the wafer defect relative
to the origin.

Claim 3 (original): The method of claim 1, wherein the size of the
15 drawing file generated by the server is smaller than the sum of all wafer
defect raw data corresponding to a wafer.

Claim 4 (original): The method of claim 1, wherein the drawing file
generated by the server is compressed, and is uncompressed by the
20 terminal.

Claim 5 (original): The method of claim 1, wherein the data
pre-treatment step is according to a plurality of wafers to generate
corresponding wafer defect distribution data by the server and wherein
25 the drawing pre-treatment step is according to a plurality of wafer defect
distribution data to generate a corresponding drawing file by the server.

Claim 6 (original): The method of claim 5, wherein the network
management step includes transmitting a plurality of drawing files to the
30 terminal, and the terminal displaying the plurality of drawing files

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simultaneously on the displaying screen to present a plurality of
distribution modes of wafer defects.

Claim 7 (canceled)

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